



# **Rio Grande Valley Winter Weather Briefing**

for events of  
Wednesday, January 29 2014

**NWS Brownsville/Rio Grande Valley**

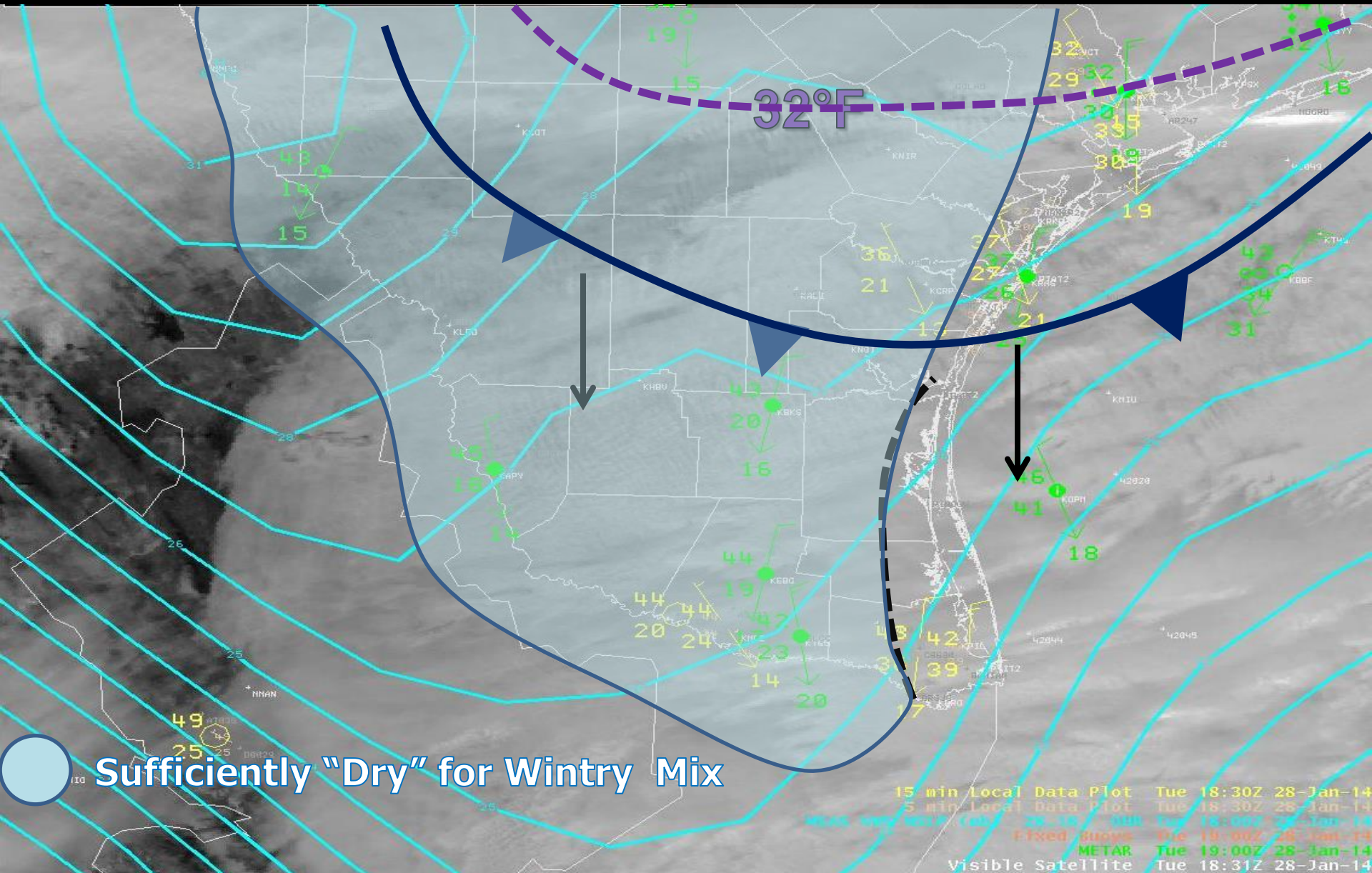
**<http://weather.gov/rgv>**

# What to Watch For Early Wednesday

- “Wintry Mix” of Snow and Ice Pellets (Sleet)
- Wind Chill or “Feels Like” Temperatures in the Low to Mid 20s
- Freezing Temperatures For Several Hours
- Continued Hazardous Boating/Fishing Conditions

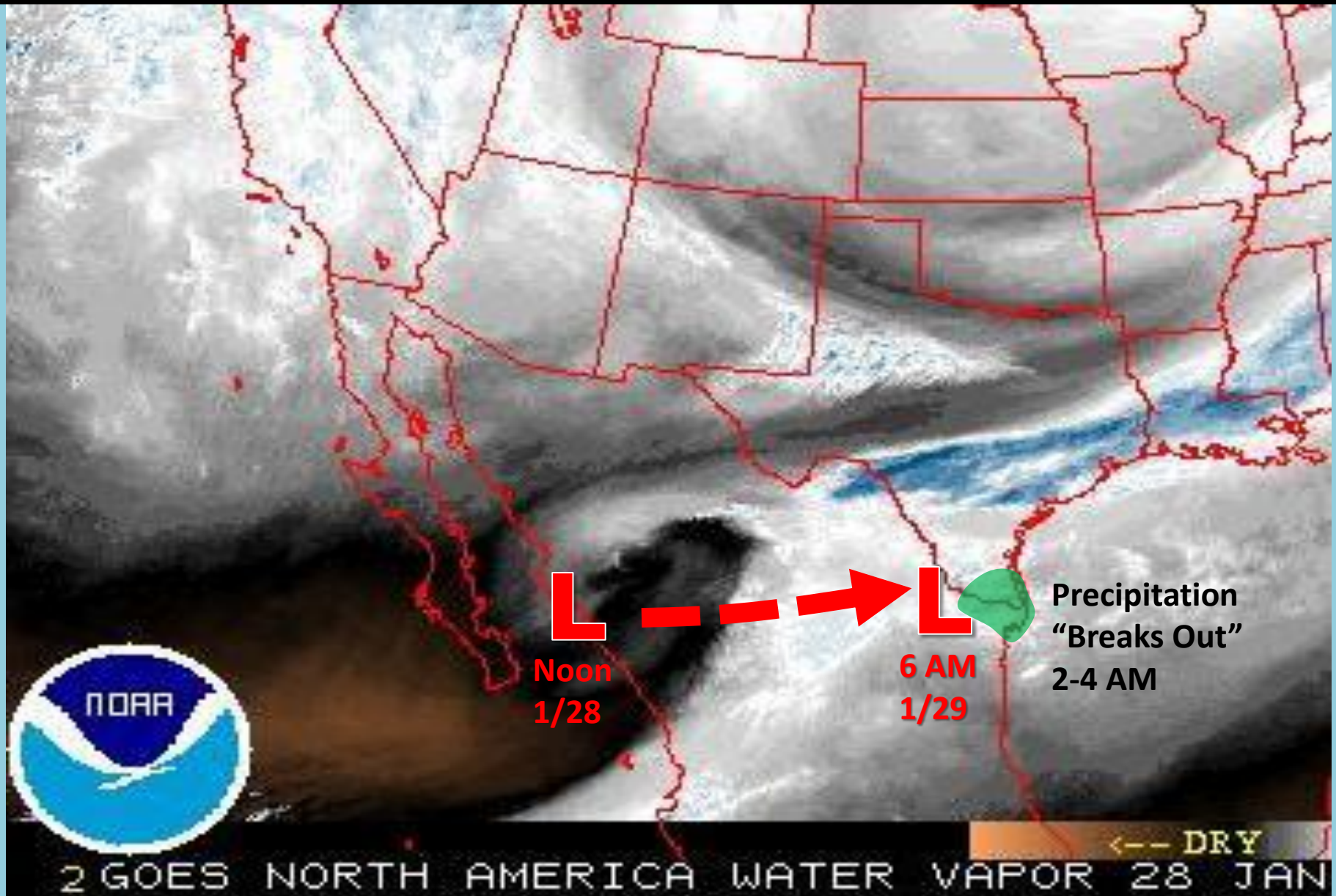


## The Situation: Tuesday (Jan. 28) Afternoon



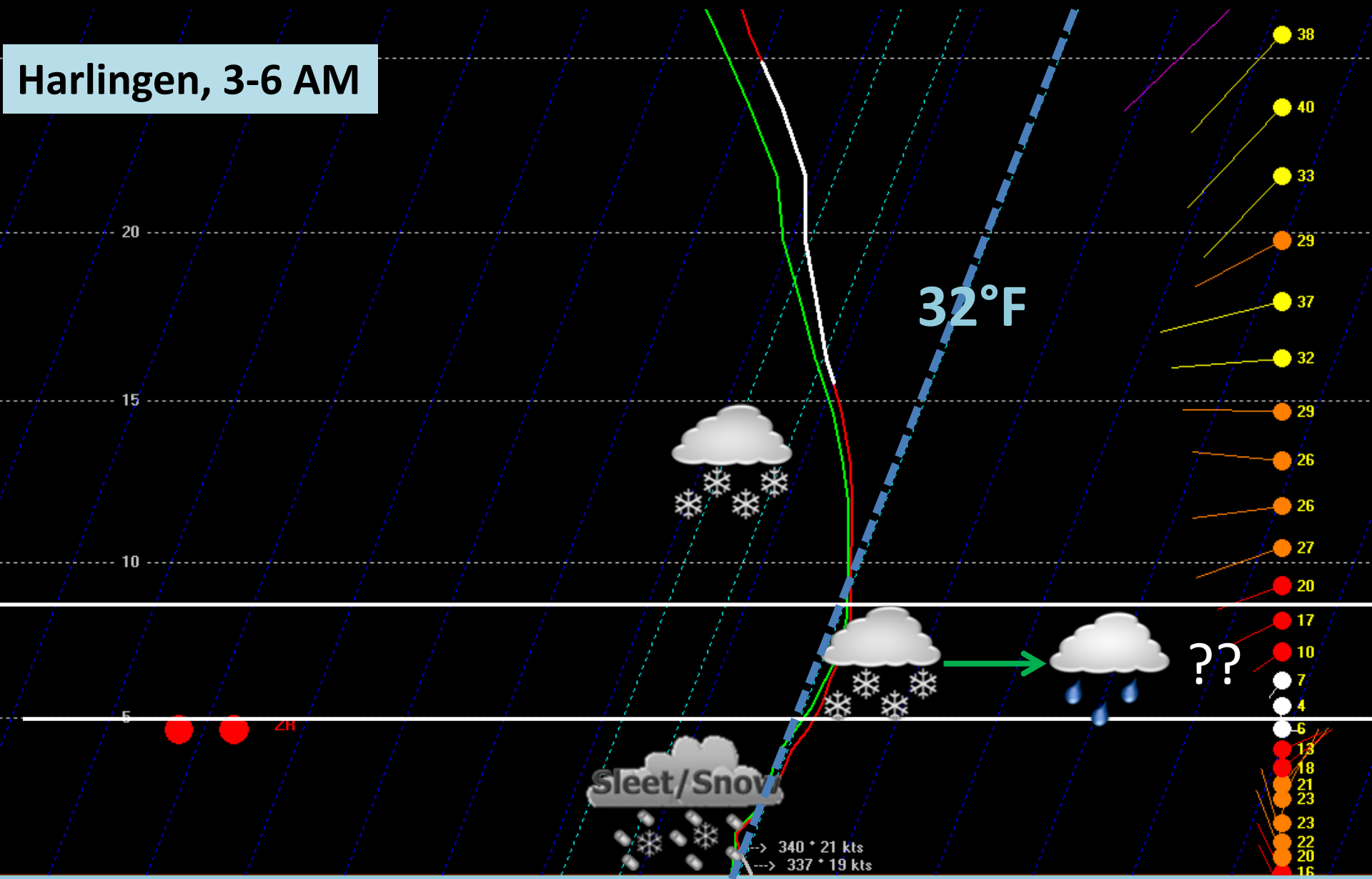


# The Situation: Weather Maker

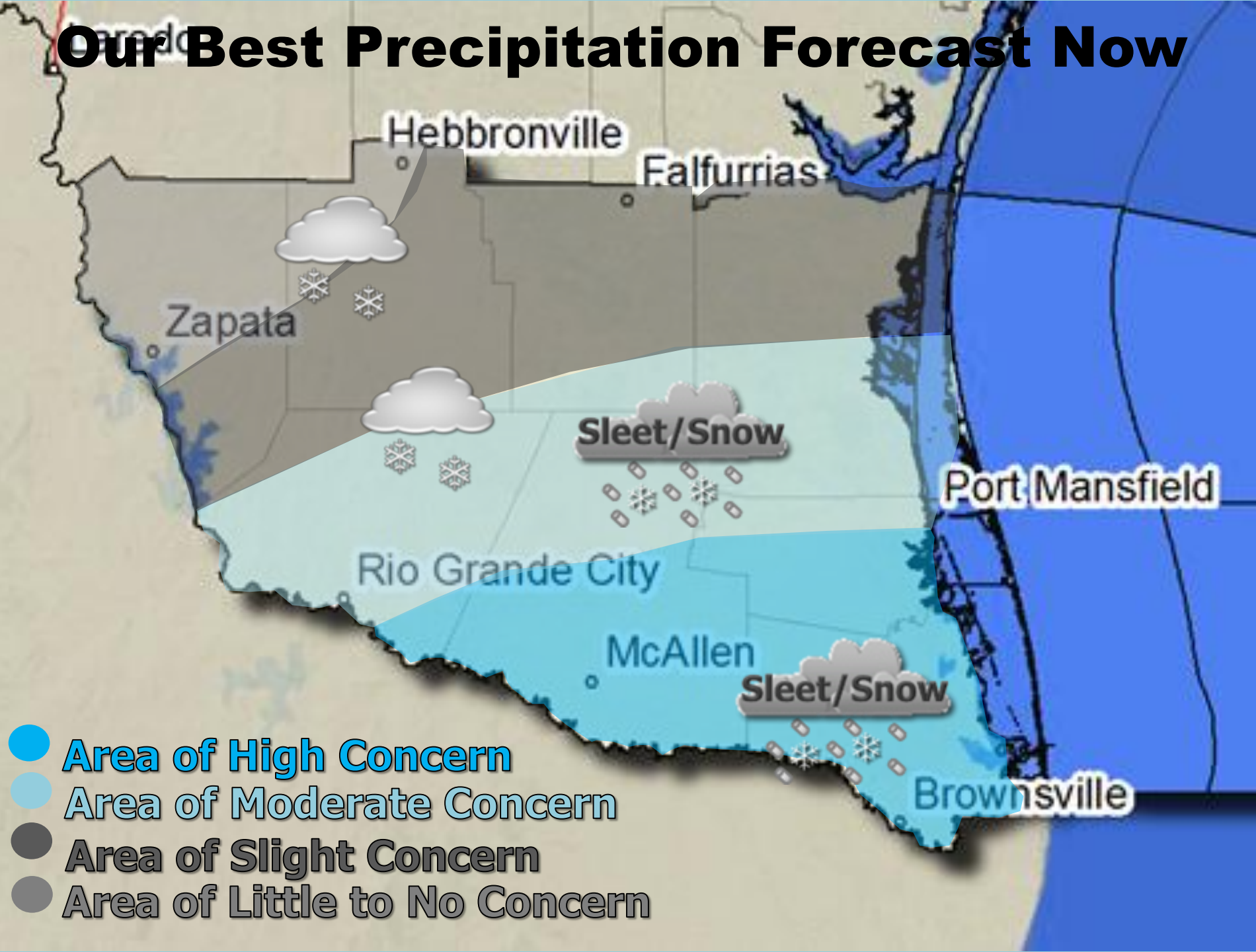


# Precipitation Type Tricky!

Harlingen, 3-6 AM

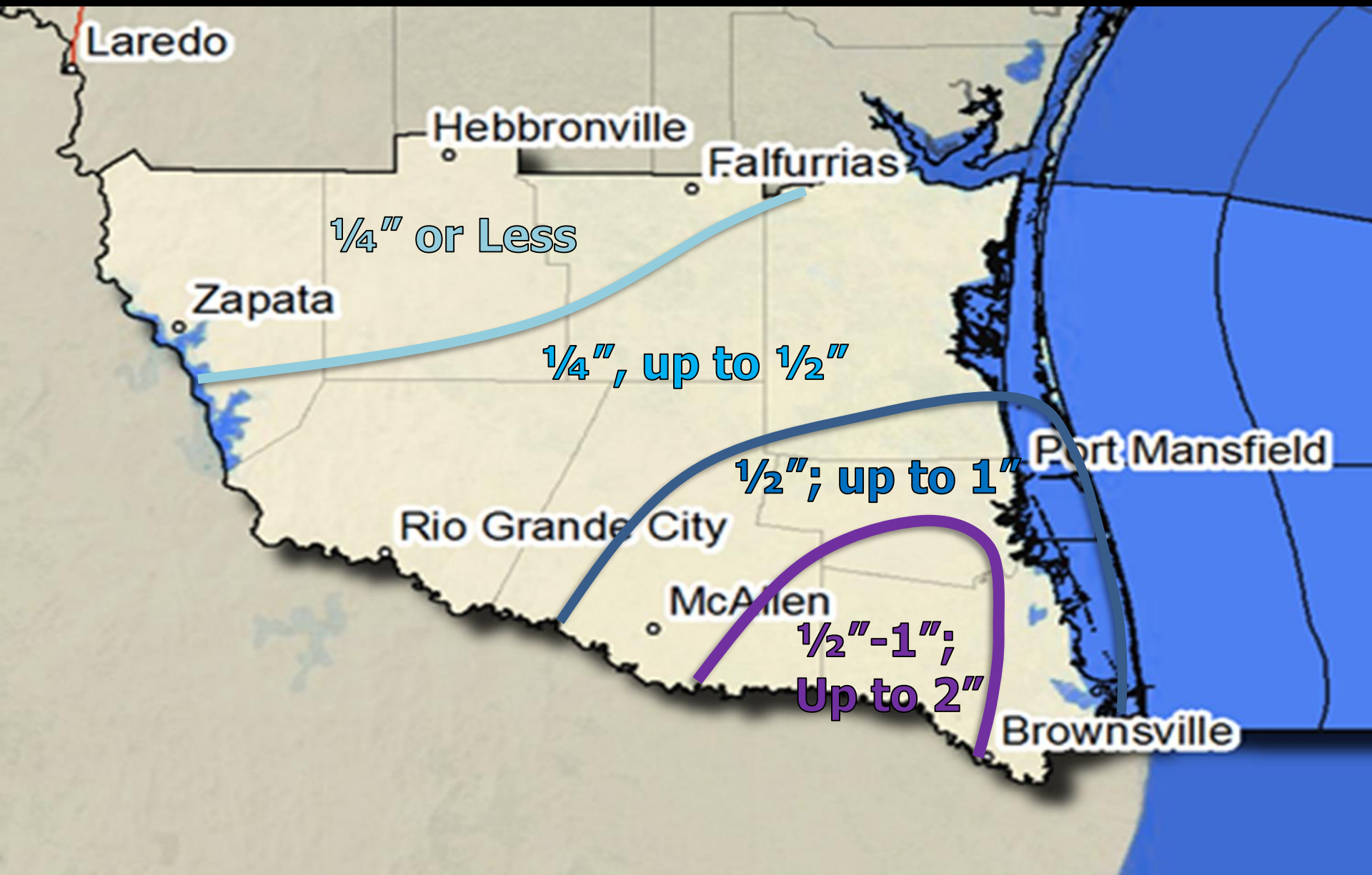


# Our Best Precipitation Forecast Now

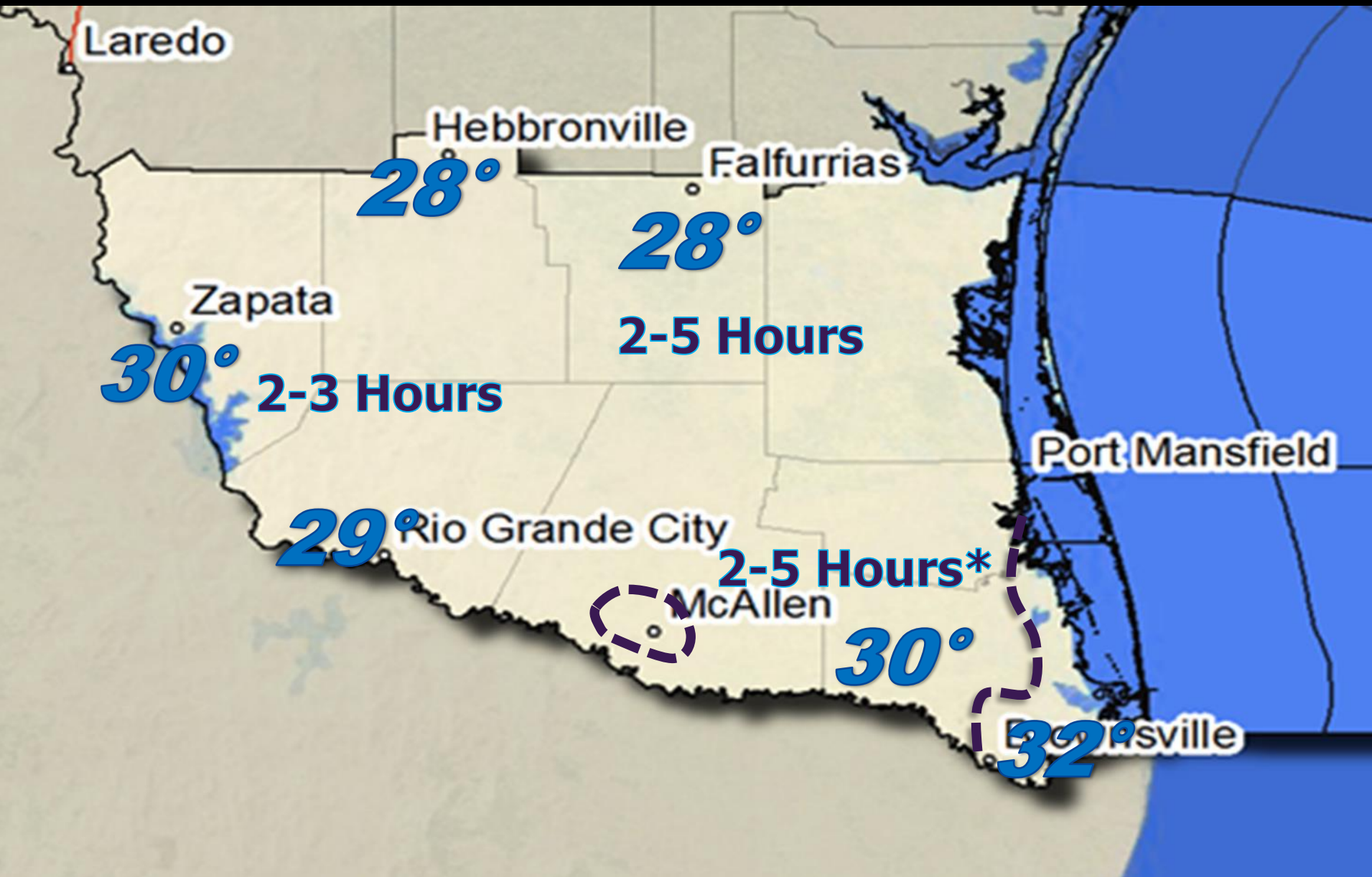




# Potential Accumulation Bridges/Overpasses/Grassy Areas



# Freezing Line/Temperatures/Durations





# Summary/Impacts: Winter Weather

- Winter Weather:
  - Mix of Sleet and Snow May “Fluctuate” Between the Two
  - Onset of Event: Between Midnight and 3 AM
  - Peak of Event: 3 AM to 7 AM
  - Best Chance of Winter Wonderland? Lower Valley Away from the Coast
  - Primary Impact: Accumulation on Bridges and Overpasses, Especially if Precipitation becomes briefly heavy
  - Primary Action: School Bus and Early Morning Commuting Problems – Delays Likely



**Event Confidence:**  
**High**



**Impact Confidence:**  
**Medium-High**

# Summary/Impacts: Freeze/Wind Chill

- Wind Chill/Freeze:
  - 3-6 Hours (4 AM to 10 AM) “Feels Like” 20s
  - 2-5 Hours 32 or Lower Temperatures\*
    - \*Highest amounts where precipitation cools the surface below 32F
  - Minor Damage to Unprotected Plants
  - Bundle Up to Protect Against the Cold
- Good News?
  - Rapid Melting after 9 AM
  - Friday? Springlike Temperatures (70s+)